

Recombinant SARS-CoV-2 S-stable trimer Protein (C-6His)

RPES7042

Description

This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Protein Information

SKU: RPES7042

Purity: > 95 % as determined by reducing SDS-PAGE.

Contents: 500µg, 50µg
Bradford Reagent: 1 vial (2ml)

Concentration: Subject to label value.

Species: SARS-CoV-2

Endotoxin: Please contact us for more information.

Synonyms: SARS-CoV-2 S glycoprotein, SARS-CoV-2 S-stable trimer Protein, SARS-CoV-2 Spike, SARS-CoV-2 Spike glycoprotein

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles. Store Bradford Reagent at Room Temperature for 1 year.

Tag: C-His

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.

Expression Host: HEK293 Cells

Bio-Activity: Immobilized 2019-nCoV S-trimer Protein-His(RPES7042) at 2µg/ml (100 µl/well) can bind Human ACE-2-Fc(RPES0028). The ED50 of Human ACE-2-Fc(RPES0028) is 23.83 ng/ml. Immobilized 2019-nCoV S-trimer Protein-His(RPES7042) at 2µg/ml (100 µl/well) can bind Anti-2019-nCoV S1 mAb (5D9). The ED50 of Anti-2019-nCoV S1 mAb (5D9) is 15.44 ng/ml.

Calculated MW: 136.6 kDa

Formulation: Supplied as a 0.2 µm filtered solution of PBS, 5% Trehalose, 10% Glycerol, 5% Mannitol, 0.01% Tween 80, pH 7.4.

Observed MW: 170-220 kDa

Reconstitution: -

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

Accession: QHD43416.1

Source: -

Sequence: -

Form: Liquid

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Notes: Centrifuge before opening to ensure complete recovery of vial contents.